

#8/ent of
June
Wamat
Butler
8-6-02
K. Paul

Practitioner's Docket No. 15-0195

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Lambert, Russell H.

Application No.: 09/388,010

Filed: 09/01/1999

For: MICROPHONE ARRAY PROCESSING
SYSTEM FOR NOISY MULTIPATH
ENVIRONMENTS

Group No.: 2641

Examiner: A. A. Armstrong

Official

Assistant Commissioner for Patents
Washington, D.C. 20231

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

STATUS

2. Applicant is other than a small entity.

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant petitions for an extension of time under 37 C.F.R. 1.136 (fees: 37 C.F.R. 1.17(a)(1)-(4)) for one month:

Fee: \$110.00

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

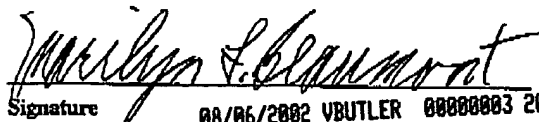
- ☐ deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

FACSIMILE

- ☒ transmitted by facsimile to the Patent and Trademark Office.

Date: July 31, 2002

Signature



08/06/2002 VBUTLER 00000003 201515 09388010

Marilyn L. Beaumont

(type or print name of person certifying)

110.00 CH

(Amendment Transmittal—page 1 of 2)

FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)	OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Addit. Fee
Total	10	Minus	20	= 0	x \$18 =	\$0
Indep.	2	Minus	3	= 0	x \$84 =	\$0
First Presentation of Multiple Dependent Claim					+ \$270 =	\$0
Total						Addit. Fee \$0

No additional fee for claims is required.

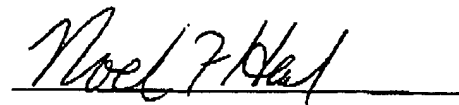
FEE PAYMENT

5. Charge Account No. 20-1515 the sum of \$110.00. A duplicate of this transmittal is attached.

FEE DEFICIENCY

6. If any additional extension and/or fee is required, charge Account No. 20-1515.
If any additional fee for claims is required, charge Account No. 20-1515.

Date: July 31, 2002



Noel F. Heal
Registration No. 26,074
TRW INC.
Intellectual Asset Management
One Space Park, E2/6051
Redondo Beach, CA 90278
310-812-4910

(Amendment Transmittal—page 2 of 2)

TRW Docket No. 15-0195

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Russell H. Lambert, et al.

Appl. No. 09/388,010

Filed: 09/01/99

For: MICROPHONE ARRAY
PROCESSING SYSTEM FOR NOISY
MULTIPATH ENVIRONMENTSRECEIVED
7-31-02
Official

Group Art Unit: 2641

Examiner: Angela A. Armstrong

CERTIFICATION OF FACSIMILE TRANSMISSIONI hereby certify that this correspondence is being facsimile transmitted to the Patent and
Trademark Office (FAX No. 703-872-9315) on 7/31/02

Marilyn L. Beaumont

Signature

AMENDMENT AFTER FINAL REJECTIONAssistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office action mailed on April 25, 2002, please enter this
amendment and consider the remarks that follow.

IN THE CLAIMS:

In the claims, please amend claims 1, 3, 6 and 8 as follows:

1. (Twice Amended) A microphone array processing system for performance
enhancement in noisy environments, the system comprising:
a plurality of microphones positioned to detect speech from a single
speech source and noise from multiple sources, and to generate corresponding